

WHAT IS CLAIMED IS:

1. A connector connectable to a coaxial cable including a central conductor, an outer insulator surrounded the central conductor, a braided outer conductor in the form of a cylindrical shell surrounded the outer insulator, and a shield surrounded the outer conductor, the connector comprising:

a body including an outer sleeve, an inner sleeve having a front, outer extending rim, an annular space formed between the outer and the inner sleeves, and a forward rotatable nut having a rear inwardly extending rim rotatably disposed between the outer extending rim and the outer sleeve;

a hollow, cylindrical coupling fitted on a rear section of the outer sleeve, the cylindrical coupling including a rear inwardly extending flange; and

a flexible sealing ring surrounded by the cylindrical coupling, the sealing ring including flared front and rear ends and a narrow intermediate section wherein the front end thereof is spaced apart from a rear end of the outer sleeve prior to coupling the connector to the cable and the rear end thereof is urged against the flange,

whereby inserting the front end of the cable into the cylindrical coupling will snugly fit the outer insulator in the inner sleeve to couple the central conductor to a mated connector and dispose the outer conductor and the shield inside the outer sleeve; and pushing the cylindrical coupling forward will compress the sealing ring to urge against the front end of the sealing ring against the rear end of the outer sleeve and further recess the intermediate section to fasten on the shield.

2. The connector of claim 1, wherein the sealing ring is formed of either synthetic rubber or elastomeric material.

3. The connector of claim 1, wherein the flange comprises an annular slope inwardly extended, and an annular gap between the slope and an inner wall of



the cylindrical coupling so as to fit the rear end of the sealing ring therein.